

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1-29. (Canceled).
30. (Currently amended) A catheter assembly, comprising:
a catheter including at least one lumen; ~~and~~
a connector including a distal end attached to a proximal end of the catheter and a passageway in fluid communication with the at least one lumen, a proximal portion of the passageway including an engagement feature configured to connect an end of an instrument to the connector, a distal portion of the passageway including a built-in valve longitudinally fixed with respect to the connector having a closed proximal end with a slit and an open distal end, the valve proximal end distal of the engagement feature; and
a tunneler, wherein the engagement feature engages a tip of the tunneler upon insertion of the tunneler tip into the proximal portion of the passageway.
31. (Previously presented) The catheter assembly according to claim 30, wherein the valve includes a wall defining a lumen from the proximal end to the distal end, the wall configured to guide a proximal end of a guidewire from the valve distal end through the slit in the valve proximal end.
32. (Previously presented) The catheter assembly according to claim 30, wherein the connector comprises a material having a hardness in the range of about 90 Shore A to about 90 Shore D, and wherein the valve comprises a material having a hardness in the range of about 40 Shore A to about 60 Shore A.